	Colony Color								
pAS2 Insert	pGAD GH Insert								
		PIN1	PIN2	PIN3					
NIMA .		Blue	Blue	Èlue					
K40M NIMA		Blue	Blue	Blue					
NIMA280-699		Blue	Blue	White					
NLK1		White	White	Blue					
NIMA280-699FS		White	White	White					

FIG. 1A

NIMA		699
	47% identity	
NLK1	445	

FIG. 1B

2/10

#### TGCTGGCCAGCACCTCGAGGGAAG

ATG	GCG	GAC	GAG	GAG.	AAG	CTG	CCG	CCC	GGC	TGG	GAG	AAG	CGC	ATG	AGC	CGC	AGC	TCA	GGC	
М	Α	D	E	E	K	L	P	P	G	W	E	K	, R	М	S	R	S	S	G	20
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CGA	GTG	rac'	TAC	TTC	AAC	CAC.	ATC.	ACT.	AAC	GCC.	AGC	CAG	TGG	GAG	CGG	CCC	AGC	GGC	AAC	
R	V	Y	A,	F	N	Н	I	T	N	Α	S	Q	W	Ε	R	P	S	G	И	40
AGC.	AGC.	AGT	GGT			_	GGG	CAG											CTG	
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GAG	GAC'	TTT	GAG	TCT	CTG	GCC	TCA	CAG	TTC	AGC	GAC	TGC	AGC	TCA	.GCC	AAG	GCC	AGG	GGA	
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ם	L	G	*A.,	F	S	R	G	Q	M <sub>,</sub>	Q	K	P	F	E	D	A	S	F	A	140
CTG	CGG	ACG	GGG	GAG	ATG	AGC	GGG	CCC	GTG	TTC	ACG	GAT		GGC	ATC	CAC	ATC	ATC	CTC	
L	R	T	G	E	_M	<u>s</u>	G.	P		F	T	D	<u>S</u>	G	I	H.	I	I.	_ <u>L</u>	160
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CTCATGCGGCAGCCA	CGAGTGTACTACTTCAACC R V Y Y F N  AGCAGCAGTGGTGGCAAA S S S G G K  CTGGTGAAGCACAGCCAG L V K H S Q  ACCAAGGAGGAGGGCCCTG T K E E A L  GAGGACTTTGAGTCTCTG E D F E S L  GACCTGGGTGCCTTCAGC D L G A F S  CTGCGGACGGGGGGAGATG L R T G E M  CGCACTGAGTGAGGGTGG R T E  CGGCCAGCTCCCCTTGC CACAGTATTTATTGTTCC GGTCCCCACTCCCTGTCC ATTGACTTCAGCAGGGGT CCAAAGAGAAGAG	CGAGTGTACTACTTCAACCAC R V Y Y F N H  AGCAGCAGTGGTGGCAAAAAC S S S G G K N  CTGGTGAAGCACAGCCAGTCA L V K H S Q S  ACCAAGGAGGAGGAGCCCTGGAG T K E E A L E  GAGGACTTTGAGTCTCTGGCC E D F E S L A  GACCTGGGTGCCTTCAGCAGA D L G A F S R  CTGCGGACGGGGGGAGATGAGC L R T G E M S  CGCACTGAGTGAGGGTGGGGAGATGAGGC AT GACTCCCCTTCCCCC CACAGTATTATTGTTCCCAC GGTCCCCACTCCCTGTCCATC ATTGACTTCAGCAGGATGAGGC CCAAAGAGAAGAG	CGAGTGTACTACTTCAACCACATCAR V Y Y F N H I  AGCAGCAGTGGTGGCAAAAAACGGGGS S S S G G K N G  CTGGTGAAGCACAGCCAGTCACGGGL V K H S Q S R  ACCAAGGAGGAGGAGGCCCTGGAGCTGAGCTGAGCTGT K E E A L E L  GAGGACTTTGAGTCTCTGGCCTCAE D F E S L A S  GACCTGGGTGCCTTCAGCAGAGGT D 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FIG. 2A

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Pinl/Human ESS1/SC Yap/Human Nechd/Mouse RSF5/SC Dmd/Human FE65/Rat		Pinl/Human ESS1/SC Parvulin/E PrsA/BS Cbf2/CJ		FIG. 2C
Pin1/Hu ESS1/SC Yap/Hum Necd4/M Necd4/M RSP5/SC Dnd/Hum		Pin1// ESS1// Parvu PrsA// Cbf2//	•	للـ
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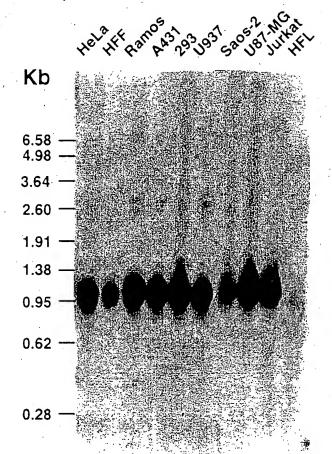
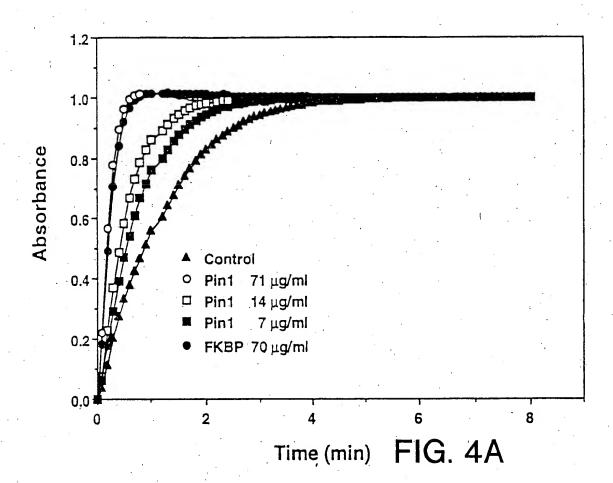
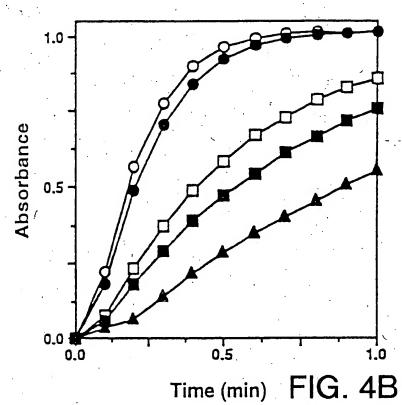


FIG. 3

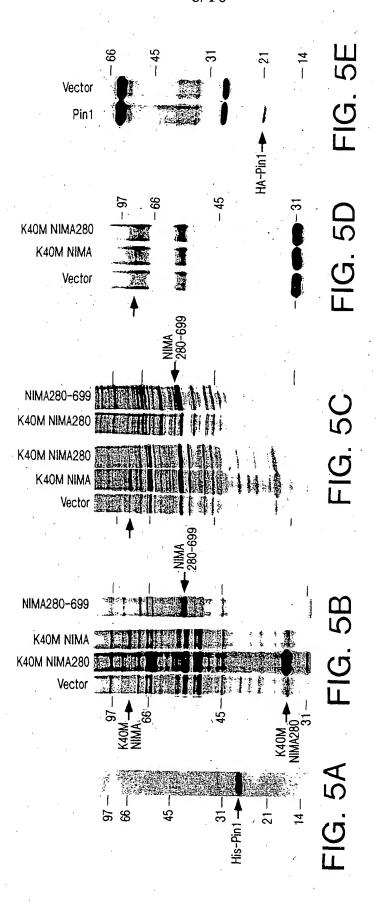




Title: NIMA INTERACTING PROTEINS

Inventors: Hunter and Lu Filing Date: Herewith

Attorney Client-Matter No.: 66671-043 (P-SC 5711) (858-535-9001)



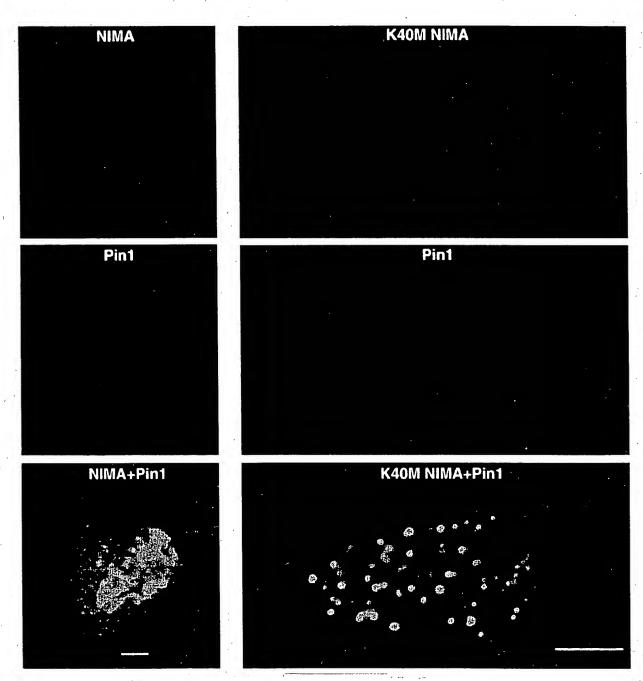


FIG. 6

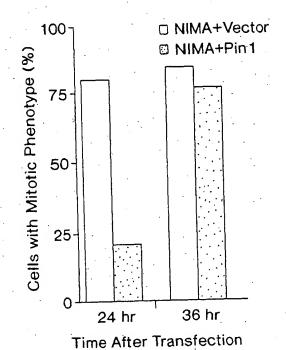


FIG. 7A

